

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

<b>Application Number</b>	10802532	<b>Docket Number</b>	NEXTIO.0200
<b>Filed</b>	3/16/2004	<b>Group Art Unit</b>	2184
<b>Examiner</b>	FARLEY J. ABAD	<b>Customer No.</b>	23669
<b>Application Title</b>	SHARED INPUT/OUTPUT LOAD-STORE ARCHITECTURE		
<b>First Named Inventor</b>	CHRISTOPHER J. PETTEY		

### RESPONSE TO RESTRICTION REQUIREMENT UNDER 35 U.S.C. 121

VIA EFS

Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

In response to the Official Action of 09/22/2009, with a shortened statutory period of response set to expire 10/22/2009, Applicant responds as set forth below.

Restriction to one of the following inventions was required under 35 U.S.C. 121:

- I. Claims 1-73, drawn to sharing logic, coupled to a plurality of operating system domains through a load-store fabric, for routing transactions between said plurality of operating system domains and said sharing logic; and a first shared input/output endpoint, coupled to said sharing logic, configured to request/complete said transactions for said each of said plurality of operating system domains, classified in class 710, subclass 2.
- II. Claims 74-108, drawn to via sharing logic within the load-store fabric, interconnecting operating system domains to the I/O endpoint; first communicating with each of the operating system domains individually; and second communicating with the I/O endpoint according to a variant of a protocol that provides exclusively for a single operating system domain within the load-store fabric to enable the I/O endpoint to associate a prescribed operation with a corresponding one of the operating system domains, classified in class 710, subclass 11.

The inventions are distinct, each from the other because of the following reasons:

Inventions I and II are related as subcombinations disclosed as usable together in a single combination. The subcombinations are distinct if they do not overlap in scope and are not obvious variants, and if it is shown that at least one subcombination is separately usable. In the instant case, subcombination II has separate utility such as communicating with the I/O endpoint according to a variant of a protocol that provides exclusively for a single operating system domain within the load-store fabric to enable the I/O endpoint to associate a prescribed operation with a corresponding one of the operating system domains. See MPEP § 806.05(d).

Applicant hereby elects to proceed with Invention I, to claims 1-73. Applicant hereby provides notice of intent to file a Divisional Application corresponding to Invention II.

Applicant earnestly requests that the Examiner contact the undersigned practitioner by telephone if the Examiner has any questions or suggestions concerning this election, the application, or allowance of any claims thereof.

Respectfully submitted,  
**HUFFMAN PATENT GROUP, LLC**

*/ Richard K. Huffman /*

By \_\_\_\_\_

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*10/22/2009*

Date: \_\_\_\_\_